



U.S. DEPARTMENT OF ENERGY  
Office of Electricity Delivery and Energy Reliability  
Infrastructure Security and Energy Restoration

# ENERGY ASSURANCE DAILY

Friday Evening, August 21, 2009

## *Electricity*

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### **Windstorms, Possible Tornadoes Cut Power to Nearly 120,000 Customers in Ontario, Canada August 20—About 15,000 Remain in the Dark August 21**

Severe windstorms and at least four possible tornadoes knocked out electricity to 69,000 Hydro One customers, 25,000 Veridian Connections Inc. customers, and 25,000 Toronto Hydro customers on August 20. The storms killed at least one person. Just 7,622 Hydro One customers, 4,500 Toronto Hydro customers, and 3,000 Veridian Connections customers remained without power, as of latest reports.

Toronto Hydro: [http://www.torontohydro.com/electricsystem/residential/power\\_outage.html](http://www.torontohydro.com/electricsystem/residential/power_outage.html)

Hydro One:

[http://www.hydroonenetworks.com/en/about/our\\_services/power\\_outage\\_maps/NewReports/outage\\_summary.html](http://www.hydroonenetworks.com/en/about/our_services/power_outage_maps/NewReports/outage_summary.html)

Veridian Connections: <http://micro.newswire.ca/release.cgi?rkey=1708216769&view=24341-0&Start=0>

<http://www.edmontonsun.com/news/canada/2009/08/21/10547926-sun.html>

<http://www.google.com/hostednews/canadianpress/article/ALeqM5iWUwwz0ereGHN7x2QWl9mIG6wj6g>

<http://www.newswire.ca/en/releases/archive/August2009/21/c6748.html>

### **Update: Exelon's 1,111 MW La Salle Nuke Unit 2 in Illinois at Full Power by August 21**

The unit went offline on August 15 due to a turbine trip. The Nuclear Regulatory Commission reported that on the morning of August 20 the unit was operating at 47 percent.

Reuters, 07:38 August 20, 2009

Information also derived from the NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2009/>

### **PGE Completes 150 MW Expansion at Biglow Canyon Wind Farm in Oregon**

Portland General Electric (PGE) completed the 150 MW, Phase 2 expansion of its existing 125 MW Biglow Canyon Wind Farm, boosting the facility's output to 275 MW, the company said in a release. PGE plans to open an additional 175 MW in 2010.

<http://investors.portlandgeneral.com/releasedetail.cfm?ReleaseID=404285>

### **Epcor Plans 270 MW and 150 MW Units at Existing Genesee Coal-fired Power Plant in Alberta, Canada**

Epcor plans to construct a 270 MW Integrated Gasification Combined Cycle (IGCC) power unit and a 150 MW amine scrubbing combustion facility at its Genesee coal-fired power plant in Alberta, Canada, according to a news source. The company also hopes to expand an existing, associated coal mine: a 5.4 million tonnes/year site that feeds the facility's existing power units. At its current pace, the mine will run out of coal in 15 years. The expansion would increase its area by 55 percent.

<http://www.calgaryherald.com/business/Epcor+moves+make+mine+bigger/1677090/story.html>

### **Flint Hills Plans Hydrocracker Restart at 288,126 b/d Corpus Christi, Texas Refinery August 21**

Flint Hills planned to restart a hydrocracker and a Conradson Carbon Residue/Naphtha Hydro-Treated unit at its 288,126 b/d Corpus Christi, Texas refinery on August 21, the company said in a filing with state regulators. The filing indicated the restarts would take about 24 hours.

<http://online.wsj.com/article/BT-CO-20090821-706138.html>

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=128424>

<http://www.forbes.com/feeds/afx/2009/08/21/afx6801714.html>

### **Chevron Shuts Hydrocracker at 245,271 b/d Richmond, California Refinery by August 21—Trade Sources**

Chevron shut a hydrocracker for repairs at its 245,271 b/d Richmond, California refinery by August 21, trade sources said. The company confirmed an equipment shutdown, but did not specify which unit was offline. Chevron did not expect the incident to affect customer supplies.

<http://www.reuters.com/article/rbssEnergyNews/idUSN21786520090821>

Reuters, 13:03 August 21, 2009

### **Update: Obama Administration Okays Enbridge's Proposed 800,000 b/d, 1,000-mile Alberta, Canada-to-Wisconsin Alberta Clipper Oil Sands Pipeline**

The Obama administration approved the U.S. section of Enbridge Energy's planned 800,000 b/d, 1,000-mile Alberta-to-Wisconsin oil sands pipeline, and Enbridge said it had begun mobilizing construction workers to break ground. The line should open in about one year, with an initial capacity of 450,000 b/d.

<http://www.ft.com/cms/s/0/4da2ae2c-8dea-11de-93df-00144feabdc0.html>

<http://www.canada.com/business/Alberta+Clipper+pipeline+approved+midwest/1915670/story.html>

## **Natural Gas**

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### **Transcontinental Plans Natural Gas Pipeline Repairs, Production Shutdown along Louisiana Lateral in Early September**

Transcontinental plans to conduct valve replacement work near Eunice, Louisiana, close to the Central Louisiana Lateral's terminus with the Transco mainline, the company said on its website. Transco expects to shut down all production upstream of the work site from September 8 through September 11.

<http://www.1line.williams.com/1Line/wgp/download?delvid=2684788&hfNoticeFlag=Y&hfDownloadFlag=false&hfFileName=download.html>

### **Natural Gas Dips below \$3/MMbtu, Touching 7-Year Low August 20**

Natural gas futures prices fell below \$3/MMbtu, even as the Energy Information Administration (EIA) reported lower-than-forecasted U.S. storage figures.

[http://www.oilprice.com/index/article-display/4564081151/s-articles/s-oil-gas-journal/s-general-interest/s-economics-markets/s-articles/s-market-watch\\_gas2.html](http://www.oilprice.com/index/article-display/4564081151/s-articles/s-oil-gas-journal/s-general-interest/s-economics-markets/s-articles/s-market-watch_gas2.html)

## **Other News**

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### **ExxonMobil Canada Evacuates Natural Gas Workers from offshore Nova Scotia ahead of Hurricane Bill August 19**

ExxonMobil evacuated some workers from its five-platform, natural gas-producing Sable Offshore Energy Project on August 19, and planned to remove its remaining employees ahead of Hurricane Bill. The company said the evacuations would not impact production; Sable had already been offline for planned work. The National Hurricane Center expects Hurricane Bill, currently a Category 3 storm, to hit Nova Scotia over the weekend.

[http://www.rigzone.com/news/article.asp?a\\_id=79520](http://www.rigzone.com/news/article.asp?a_id=79520)

<http://www.cbc.ca/canada/new-brunswick/story/2009/08/21/ns-hurricane-bill-friday.html>

Bloomberg News, 13:25 August 21, 2009

Reuters, 18:36 August 20, 2009

## **American Energy Enterprises Plans 80-100 MMGal/Yr. Cellulosic Ethanol Plant in Connecticut**

American Energy Enterprises expects to begin production at a rate of 15 million gallons/year (MMGal/Yr.) in mid-2010, and eventually boost production to 80-to-100 MMGal/Yr. The facility would produce low-cost ethanol—at rates less than \$1/gallon—by obtaining unwanted wood waste from nearby landfills for free, or at a profit, a company official said. The landfills, at present, pay tipping fees of up to \$60/ton to get rid of wood waste.

[http://www.ethanolproducer.com/article.jsp?article\\_id=5922](http://www.ethanolproducer.com/article.jsp?article_id=5922)

## **Dynamic Fuels Plans 75 MMGal/Yr. Synthetic Diesel Plant in Louisiana**

The facility would convert animal fat into synthetic diesel, and potentially jet fuel. Dynamic Fuels expects to begin production in mid-2010, according to a news source.

<http://www.statesman.com/business/content/business/stories/technology/2009/08/21/0821emerson.html>

## **Energy Prices**

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<b>U.S. Oil and Gas Prices</b> August 21, 2009			
	<b>Today</b>	<b>Week Ago</b>	<b>Year Ago</b>
<b>CRUDE OIL</b> <b>West Texas Intermediate U.S.</b> \$/Barrel	73.52	67.76	121.23
<b>NATURAL GAS</b> <b>Henry Hub</b> \$/Million Btu	3.03	3.34	8.04

Source: Reuters

## **Energy Notes**

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### **Storms Knock Out Power to 13,000 Northern Indiana Public Service Co. Customers in Indiana August 19—Most Customers Restored by August 20**

<http://www.post-trib.com/news/1727579.chnotebook0821.article>

### **Permit Deadline Expires for Pattern Energy's 36-turbine Wind Farm in Illinois—County Board Previously Denied Company Request to Extend Deadline**

<http://www.energycurrent.com/index.php?id=3&storyid=20134>

### **Update: State Environmental Board Okays Air Quality Permit for Hyperion Resources Planned 400,000 b/d South Dakota Refinery**

[http://www.google.com/hostednews/ap/article/ALeqM5jd1r\\_D0A4D2RCw44xLAQONJVpUDAD9A6TNN0Q](http://www.google.com/hostednews/ap/article/ALeqM5jd1r_D0A4D2RCw44xLAQONJVpUDAD9A6TNN0Q)

### **EPA Plans Disaster Drill at Suncor's Denver, Colorado Refinery August 20**

<http://www.kdvr.com/news/kdvr-disaster-drill-082009,0,5621056.story>

### **Oil Prices Rise above \$74, to 10-month High, on Economic Optimism**

Bloomberg News, 13:45 August 21, 2009

### **Nigeria Plans to Export 2.284 Million b/d of Oil in September 2009, Expecting Fewer Militant Attacks**

<http://www.energyintel.com/#latest>

### **Equipment Failure, Flaring at Mabee Ranch CO2 Plant in Texas August 20**

<http://www11.tceq.state.tx.us/oce/eeer/index.cfm?fuseaction=main.getDetails&target=128440>

## Compressor Problems Causes Flaring at West Seminole San Andres Unit in Texas August 20

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=128442>

## North Dakota Flares off 26 Bcf of Natural Gas in 2008 Due to Shortage of Pipeline Capacity

[http://www.google.com/hostednews/ap/article/ALeqM5j4Ac02Q7Hn\\_yUF4mEKkCY6FVvy6AD9A6P2LG0](http://www.google.com/hostednews/ap/article/ALeqM5j4Ac02Q7Hn_yUF4mEKkCY6FVvy6AD9A6P2LG0)

## Update: White Energy Looking to Restart 100 MMGal/Yr. Plainview, Texas Ethanol Plant—Facility Shut for Economic Reasons in January 2009

[http://lubbockonline.com/stories/082109/loc\\_483910616.shtml](http://lubbockonline.com/stories/082109/loc_483910616.shtml)

## Agresti Biofuels Plans 20 MMGal/Yr. Waste-to-Ethanol Plant in Pike County, Kentucky

[http://www.biomassmagazine.com/article.jsp?article\\_id=2969](http://www.biomassmagazine.com/article.jsp?article_id=2969)

## Update: Battelle Cancels Carbon Injection Plans in Ohio, Citing “Business Considerations”—Project Would Have Captured and Buried Ethanol Plant’s CO2

<http://www.daytondailynews.com/business/greenville-carbon-dioxide-injection-plan-abandoned-257679.html>

## Links

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### *This Week in Petroleum* from the Energy Information Administration (EIA)

<http://tonto.eia.doe.gov/oog/info/twip/twip.asp>

Updated every Wednesday.

### *Weekly Petroleum Status Report* from EIA

[http://www.eia.doe.gov/oil\\_gas/petroleum/data\\_publications/weekly\\_petroleum\\_status\\_report/wpsr.html](http://www.eia.doe.gov/oil_gas/petroleum/data_publications/weekly_petroleum_status_report/wpsr.html)

Updated after 10:30 AM & 1:00 PM EST every Wednesday.

### *Natural Gas Weekly Update* from EIA

<http://tonto.eia.doe.gov/oog/info/ngw/ngupdate.asp>

Updated after 2:00 PM EST every Thursday.

## ENERGY ASSURANCE DAILY

*Energy Assurance Daily* provides a summary of public information concerning current energy issues. Published Monday through Friday to inform stakeholders of developments affecting energy systems, flows, and markets, it provides highlights of energy issues rather than a comprehensive coverage. *Energy Assurance Daily* is updated online Monday through Friday after 5:00 p.m. EST. For more information, visit the Infrastructure Security and Energy Restoration (ISER) website at:

<http://www.oe.netl.doe.gov/ead.aspx>

Please direct comments and questions to: [ead@oe.netl.doe.gov](mailto:ead@oe.netl.doe.gov)